

Converting Colors

XYZ(79.5434, 80.5213, 76.9994)

Have a look what the booklet for
XYZ(79.5434, 80.5213, 76.9994)
contains.

XYZ(79.4178, 80.2719, 76.9539)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.4178, 80.2719,
76.9539)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE3D9
RGB	250, 227, 217
RGB Percent	98%, 89%, 85%
CMY	0.0196, 0.1098, 0.1490
CMYK	0.00, 0.09, 0.13, 0.02
HSL	18°, 77%, 92%
HSV	18°, 13%, 98%
XYZ	79.4178, 80.2719, 76.9539
YIQ	232.7370, 16.9180, 1.7660

Conversions

Conversions Part 2

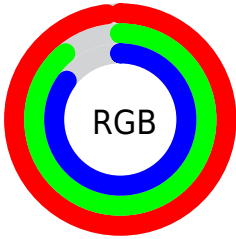
Format	Color
R _Y B	250, 231, 217
Decimal	16442329
CIE Lab	91.81, 6.25, 7.72
CIE LCh	92, 9.937, 51.004
Yxy	80.2719, 0.3356, 0.3392
Android (android.graphics.Color)	4294632409 (0xFFFAE3D9)
YUV	232.7370, -7.7583, 15.1397
Hunter-Lab	89.5946, 1.4342, 11.7913

Details

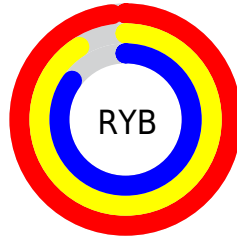
The XYZ color **79.4178, 80.2719, 76.9539** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.0303, 83.9723, 102.5916**, and the grayscale version is **77.3038, 81.3296, 88.5679**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2664, 43.4511, 40.2889** is the 20% darker color. If you saturate the color by 10%, you get **71.8836, 70.0186, 59.5964**, and if you desaturate by 10%, it is **87.9312, 91.6936, 97.0700**.

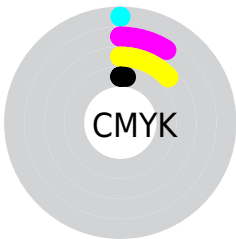
Distribution



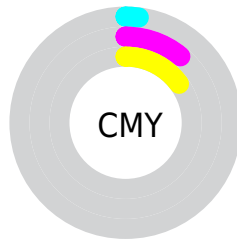
- Red (98%)
- Green (89%)
- Blue (85%)



- Red (98%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (2%)



- Cyan (2%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4178, 80.2719, 76.9539 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.4178, 80.2719, 76.9539 by changing the saturation by 10% instead.


 79.4178, 80.2719,
76.9539

 79.4178, 80.2719,
76.9539


481.7351,
495.8487, 504.0403

 59.5462, 59.9421,
56.7037


131.5017,
133.7479, 130.8468

 43.3010, 43.3720,
40.3596


164.4447,
167.6630, 165.3266

 30.3169, 30.1771,
27.5031


202.4756,
206.8753, 205.3867

 20.2285, 19.9730,
17.7157

245.9597,
251.7692, 251.4456

 12.6705, 12.3755,
10.5787

295.2623,
302.7290, 303.9219

 7.2775, 6.9999,
5.6737

350.7488,

 3.6841, 3.4620,

360.1393, 363.2341

2.5822

412.7846,
424.3844, 429.8007

■ 1.5250, 1.3774,
0.8832

■ 0.3428, 0.2000,
0.0000

■ 79.4178, 80.2719,
76.9539

■ 79.4178, 80.2719,
76.9539

■ 71.8836, 70.0186,
59.5964

■ 87.9312, 91.6936,
97.0700

■ 65.2856, 60.8857,
44.8711

■ 93.2347, 99.0642,
108.8150

■ 59.5874, 52.8374,
32.6498

■ 54.7473, 45.8318,
22.7909

■ 50.7202, 39.8244,
15.1391

■ 47.4566, 34.7669,
9.5198

■ 44.9003, 30.6067,
5.7318

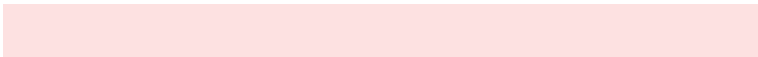
■ 42.9860, 27.2850,
3.5313

■ 41.9948, 25.4645,
2.7018

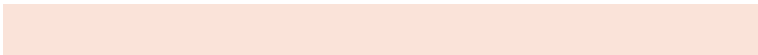
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9574, 80.2719, 82.4734



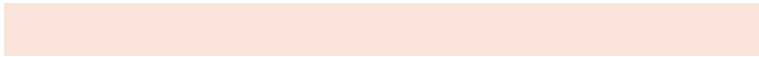
79.4178, 80.2719, 76.9539



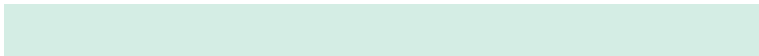
77.0640, 80.2719, 74.2748

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4178, 80.2719, 76.9539



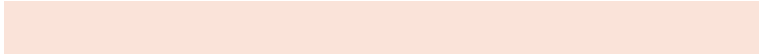
71.5628, 80.2719, 85.2288



78.0640, 80.2719, 101.1534

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



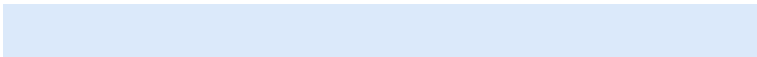
79.4178, 80.2719, 76.9539



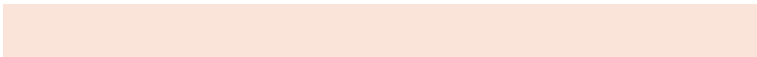
77.0303, 83.9723, 102.5916

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5332, 80.2719, 101.9924



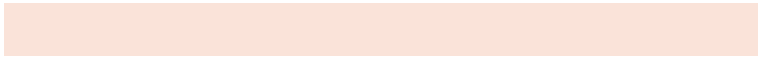
79.4178, 80.2719, 76.9539



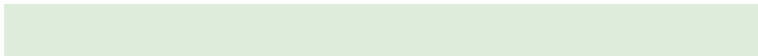
71.8171, 80.2719, 92.5241

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4178, 80.2719, 76.9539



72.5547, 80.2719, 78.8746



73.2572, 80.2719, 98.7564



80.1638, 80.2719, 96.5238

Rectangle

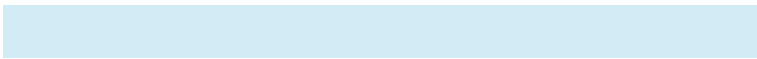
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4178, 80.2719, 76.9539



75.3655, 80.2719, 74.3513



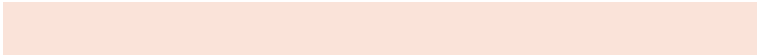
73.2572, 80.2719, 98.7564



77.2342, 80.2719, 101.8979

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79.4200, 80.2755, 76.9556



91.2252, 94.9090, 99.7374



79.9812, 76.2480, 93.0188



19.3760, 20.1143, 20.9906



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4200, 80.2755, 76.9556



80.7546, 80.8281, 75.0975



84.1200, 89.6755, 78.5223



17.6736, 18.0831, 18.0213



22.3853, 13.7273, 1.4698



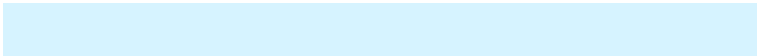
2.1622, 1.4492, 0.1658

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77.0303, 83.9723, 102.5916



77.7802, 85.4266, 106.9973



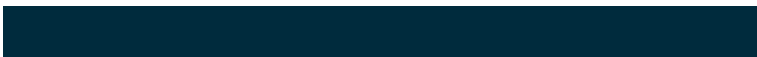
72.4199, 74.7515, 101.0548



17.2957, 18.6682, 22.0770



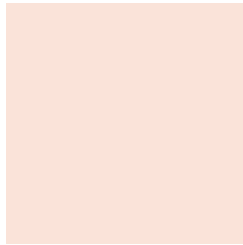
17.3353, 20.0262, 50.9253



1.6988, 2.0412, 4.7476

Previews

White Background



This preview shows how the XYZ color 79.4178, 80.2719, 76.9539 looks on a white background.

Color Contrast Check

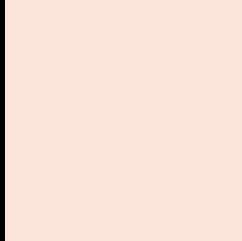
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.4178, 80.2719, 76.9539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

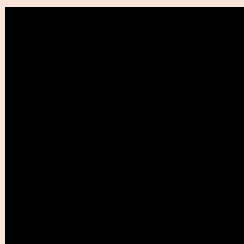
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

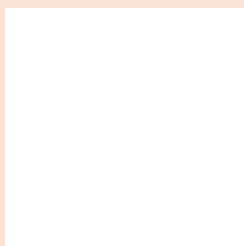
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4178, 80.2719, 76.9539

Background



This preview shows how black text looks on a background with the XYZ color 79.4178, 80.2719, 76.9539.



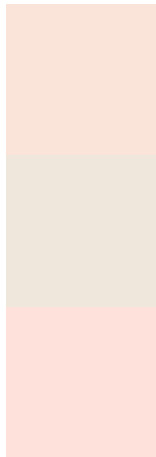
This preview shows how white text looks on a background with the XYZ color 79.4178, 80.2719,

76.9539.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.4178, 80.2719, 76.9539

Protanopia

76.9587, 80.6170, 78.5223

Deuteranopia

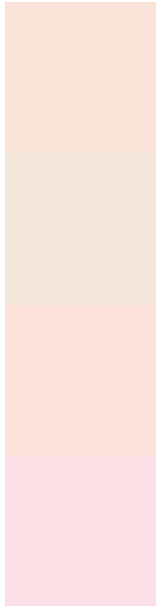
81.0835, 80.2777, 78.9317



Tritanopia

82.7729, 80.0089, 94.2997

Trichromacy



Original Color

79.4178, 80.2719, 76.9539

Protanomaly

77.9139, 80.7103, 77.8018

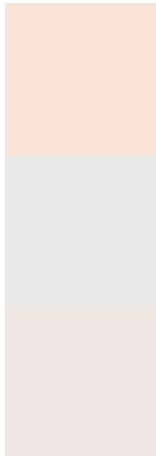
Deuteranomaly

80.4906, 80.3898, 78.2923

Tritanomaly

81.3660, 79.8330, 87.4648

Monochromacy



Original Color

79.4178, 80.2719, 76.9539

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0376, 81.0486, 84.2040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4178, 80.2719, 76.9539 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(250, 227, 217) looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 217)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(250, 227, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 217) }
```

Border

The CSS property to change the border of an element to XYZ 79.4178, 80.2719, 76.9539 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 227, 217) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(250, 227, 217) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(250, 227, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 217);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4178, 80.2719, 76.9539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 217) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(250,  
227, 217) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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